

D Series

Performance | Durability | Serviceability

10-66kVA



www.aggpower.com





As an ISO 9001 certified company we can ensure that every one our customers receives a generator of superior quality that has been tested rigorously prior to shipment. The certification is a result of our commitment to continuous improvement and guarantees quality in the processes of design, manufacture and marketing of all AGG Power units. This standard entails theinspection of each component and meticulous control over every phase from the start of the production line. Each department, from sales to the assembly line, complies with the specifications and has the full participation and involvement on behalf of the AGG Power personnel, whose main focus is always customer satisfaction.

AGG Power entire diesel generator sets complies with the CE making, which includes the following directives:

- 2006/42/EC Machinery safety.
- 2006/95/EC Low voltage
- EN 60204-1: 2006+A1:2009, EN ISO 12100:2010, EN ISO 13849-1: 2008, EN 12601: 2010

The rating is according to ISO 8528-1: + 25°C mASL; 30% relative humidity. The power losses please consultant AGG Power Technical Apartment.

PRP-ISO8528: prime power is the maximum power available during a variable power sequence, which may be run for an unlimited number of hours per year, between stated maintenance intervals. The permissible average power output during at 24 hours period shall not exceed 80% of the prime power. 10% overload available for governing purposes only.

ESP-ISO8528: It is defined as the maximum power available, under the agreed operating conditions, for which the generating set is capable of delivering for up to 500 h of operation per year (of which no more than 300 for continuative use) with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. No overload capability is available.

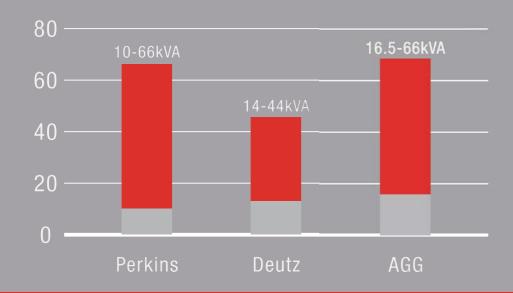
AGG Power reserves the right to modify any characteristic prior notifice.

D Series

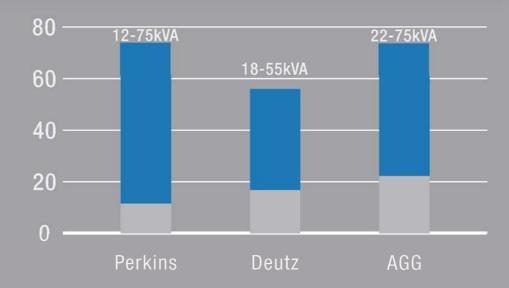
The 10-66 kVA range of generator sets is designed to power your every need. With an enhanced choice of power nodes, this range is engineered for optimum performance in diverse applications including construction, residential, retail and telecommunications. The contemporary design of the polymer enclosure option redefines durability in the marketplace and further enhances this range alongside the more traditional metal enclosure. For a life without interruptions, trust AGG Power.

AGG Power Solutions

50HZ



60HZ





D Series







Digital control module for easier operation



Alarm lamp



Key start



Emergency stop button for safer operation



MCCB for safer operation



Teminal board



Sockets



Rain-cap



Fuel filler



Stainless hinges and keys

Compact structure & large loading quantity

Power Solutions

The generator sets has a compact and unique design.

The exhaust is ducted out from the top cover facilitating installation. The canopy is designed for allowing double-stack loading or stock to

save space as much as possible.





Diesel Generators D Series

Flexible Construct

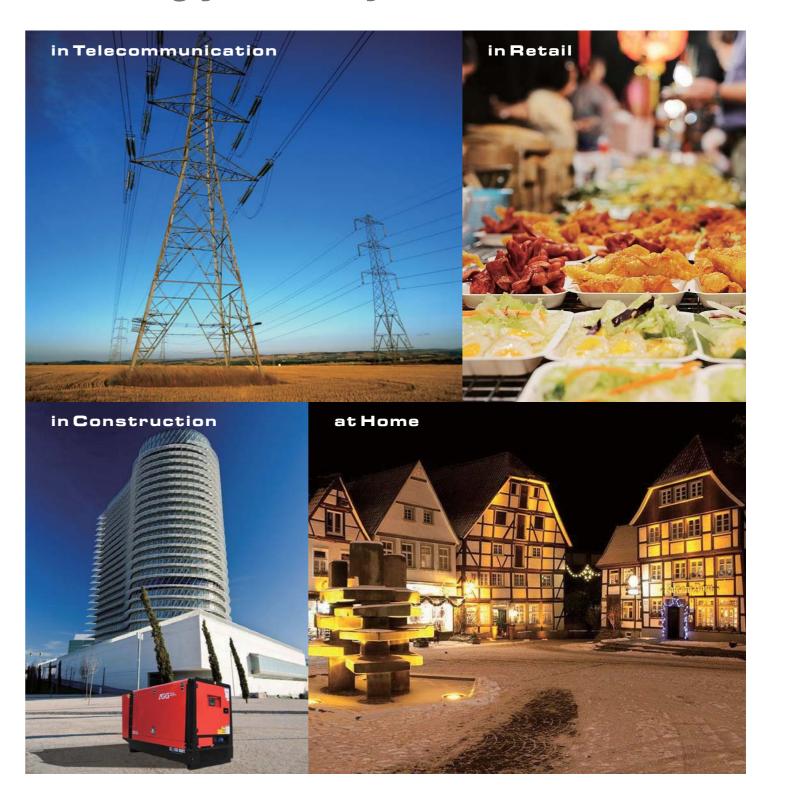






Power Solutions 8

Powering your every need.



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TECHNICAL DATA

TECHNICAL DATA





Powered by Perkins 10kVA - 66kVA

| Genset Model | ESP | | ESP PRP | | Fuel Cons L/H (75%) | L*W*H (mm) | L*W*H (mm) | Engine Model | Country of origin | Cyl Arrangement | Displacement (L) | Gov | Cooling |
|-----------------|------|----|---------|-----|------------------------|---------------|----------------|--------------|----------------------|--------------------|---------------------|-----|----------|
| 24025 | KVA | KW | KVA | KW | | | 00001000011000 | | | - | | | |
| P10D5 | 10 | 8 | 9 | 7.2 | 2.3 | 1460*550*1190 | 2070*905*1285 | 403A-11G1 | | 3L | 1.131 | М | ≈ |
| P16.5D5 | 16.5 | 13 | 15 | 12 | 3.1 | 1460*550*1190 | 2070*905*1285 | 403A-15G2 | | 3L | 1.496 | М | ≈ |
| P22D5 | 22 | 18 | 20 | 16 | 4 | 1570*550*1190 | 2070*905*1285 | 404A-22G1 | | 4L | 2.216 | М | ≈ |
| P33D5 | 33 | 26 | 30 | 24 | 5.4 | 1920*750*1410 | 2400*1100*1632 | 1103A-33G | | 3L | 3.3 | М | ≈ |
| P50D5 | 50 | 40 | 45 | 36 | 8.2 | 1920*750*1410 | 2700*1100*1632 | 1103A-33TG1 | | 3L | 3.3 | М | * |
| P66D5 | 66 | 53 | 60 | 48 | 10.4 | 1920*750*1410 | 2700*1100*1632 | 1103A-33TG2 | | 3L | 3.3 | М | ≈ |



Powered by Perkins 12kVA - 75kVA

| | Genset Model | ESP | | | | Fuel Cons L/H (75%) | L*W*H (mm) | <u>↓</u> ↓ L*W*H (mm) | Engine Model | Country of origin | Cyl Arrangement | Displacement (L) | Gov | Cooling |
|---|-----------------|-----------|----------|-----------|---------|------------------------|---------------|--------------------------|--------------|----------------------|--------------------|---------------------|-----|-----------|
| | P12D6 | KVA 12 | кw 10 | KVA 11 | кw 9 | 2.3 | 1460*550*1190 | 2070*905*1285 | 403D-11G | | 3L | 1.131 | М | ~ |
| - | P17D6 | 17 | 14 | 15 | 12 | 5.5 | 1460*550*1190 | 2070*905*1285 | 403D-15G | | 3L | 1.496 | M | == |
| - | P20D6 | 20 | 16 | 18 | 14 | NA | 1460*550*1190 | 2070*905*1285 | 403A-15G2 | | 3L | 1.496 | M | ≈ |
| - | P27D6 | 27 | 22 | 24 | 19 | 4.8 | 1570*550*1190 | 2070*905*1285 | 404D-22G | | 4L | 2.216 | М | === |
| - | P38D6 | 38 | 30 | 35 | 28 | 6.6 | 1920*750*1410 | 2400*1100*1632 | 1103A-33G | | 3L | 3.3 | М | ≈ |
| _ | P59D6 | 59 | 47 | 53 | 42 | 9.9 | 1920*750*1410 | 2700*1100*1632 | 1103A-33TG1 | | 3L | 3.3 | М | ≈ |
| - | P75D6 | 75 | 60 | 68 | 54 | 12.5 | 1920*750*1410 | 2700*1100*1632 | 1103A-33TG2 | | 3L | 3.3 | М | ≈ |



Powered by Deutz 14kVA - 44kVA

| Genset Model | ESP | | PF | iP | Fuel Cons L/H (75%) | L*W*H (mm) | L*W*H (mm) | Engine Model | Country of origin | Cyl Arrangement | Displacement (L) | Gov | Cooling |
|-----------------|-----|----|-----|----|------------------------|----------------|----------------|--------------|----------------------|--------------------|---------------------|-----|---------|
| | KVA | KW | KVA | KW | | | | | | | | | |
| DE14D5 | 14 | 11 | 13 | 10 | 2.9 | 1300*600*1400 | 1900*850*1136 | F2M2011 | | 2L | 1.554 | M | 43 |
| DE22D5 | 22 | 18 | 20 | 16 | 4.7 | 1300*600*1400 | 2070*850*1136 | F3M2011 | | 3L | 2.331 | М | 45 |
| DE33D5 | 33 | 26 | 30 | 24 | 6.3 | 1860*780*1290 | 2280*900*1146 | F4M2011 | | 4L | 3.108 | М | 93 |
| DE44D5 | 44 | 35 | 40 | 32 | 8.4 | 1860*1035*1485 | 2928*1100*1732 | BF4M2011 | | 4L | 3.108 | М | 42 |

≈ Water-cooling

Open-side type Sound-proof type The engine is UK original The engine is China original The engine is India original The engine is India original The engine is China original

The rating is according to ISO 8528-1: + 25°C mASL; 30% relative humidity. The power losses please consultant AGG Power Technical Apartment.

Further voltage rating are available under request: 50HZ_380V/415V/440V,60HZ_208V/240V/380V/440V.

PRP-ISO8528: prime power is the maximum power available during a variable power sequence, which may be run for an unlimited number of hours per year, between stated maintenance intervals. The permissible average power output during at 24 hours period shall not exceed 80% of the prime power. 10% overload available for governing purposes only.

ESP-ISO8528: It is defined as the maximum power available, under the agreed operating conditions, for which the generating set is capable of delivering for up to 500 h of operation per year (of which no more than 300 h for continuative use) with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. No overload capability is available.



Powered by Deutz 18kVA - 55kVA

| Genset Model | ES | | PF | ₽ | Fuel Cons L/H (75%) | L*W*H (mm) | L*W*H (mm) | Engine Model | Country of origin | Cyl Arrangement | Displacement (L) | Gov | Cooling |
|-----------------|-----|----|-----|----|------------------------|----------------|----------------|--------------|----------------------|--------------------|---------------------|-----|---------|
| | KVA | KW | KVA | KW | | | | | | | | | |
| DE18D6 | 18 | 14 | 16 | 13 | 3.3 | 1300*600*1400 | 1900*850*1136 | F2M2011 | | 2L | 1.554 | M | 25 |
| DE28D6 | 28 | 22 | 25 | 20 | 4.6 | 1300*600*1400 | 2070*850*1136 | F3M2011 | | 3L | 2.331 | M | 47 |
| DE42D6 | 42 | 34 | 38 | 30 | 6.9 | 1859*778*1287 | 2280*900*1146 | F4M2011 | | 4L | 3.108 | М | 43 |
| DE55D6 | 55 | 44 | 50 | 40 | 9.0 | 1860*1035*1485 | 2928*1100*1732 | BF4M2011 | | 4L | 3.108 | М | 93 |



Powered by AGG 16.5kVA - 66kVA

| ı | Genset Model | ES | | P | RP | Fuel Cons L/H (75%) | L*W*H (mm) | ↓↓ L*W*H (mm) | Engine Model | Country of origin | Cyl Arrangement | Displacement (L) | Gov | Cooling |
|---|-----------------|------|----|-----|----|------------------------|---------------|------------------|--------------|----------------------|--------------------|---------------------|-----|----------|
| | | KVA | KW | KVA | KW | | | | | | | | | |
| | F16.5D5 | 16.5 | 13 | 15 | 12 | 2.7 | 1615*550*1180 | 2080*800*1136 | AF2270 | *3 | 4L | 2.27 | E | ≈ |
| | F22D5 | 22 | 18 | 20 | 16 | 3.7 | 1655*550*1180 | 2080*800*1136 | AF2540 | *0 | 4L | 2.54 | Е | ≈ |
| | F33D5 | 33 | 26 | 30 | 24 | 5.3 | 1745*550*1180 | 2220*900*1146 | AF2540 | *) | 4L | 2.54 | E | ≈ |
| | F44D5 | 44 | 35 | 40 | 32 | 7 | 2020*860*1410 | 2220*900*1146 | AF3860 | *> | 4L | 3.86 | E | ≈ |
| | F55D5 | 55 | 44 | 50 | 40 | 8.7 | 2200*860*1410 | 2320*900*1276 | AF3860 | *) | 4L | 4.86 | E | ≈ |
| | F66D5 | 66 | 53 | 60 | 48 | 10 | 2500*860*1410 | 2600*900*1276 | AF3860 | *) | 4L | 5.86 | E | ≈ |



Powered by AGG 22kVA - 75kVA

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| Genset Model | ESP | | | | Fuel Cons L/H (75%) | L*W*H (mm) | L*W*H (mm) | Engine Model | Country of origin | Cyl Arrangement | Displacement (L) | Gov | Cooling |
|-----------------|-----|----|-----|----|------------------------|---------------|---------------|--------------|----------------------|--------------------|---------------------|-----|----------|
| | KVA | KW | KVA | KW | | | | | | | | | |
| F22D6 | 22 | 18 | 20 | 16 | 3.5 | 1615*550*1180 | 2080*800*1136 | AF2270 | *3 | 4L | 2.27 | E | ≈ |
| F33D6 | 33 | 26 | 30 | 24 | 4.9 | 1655*550*1180 | 2080*800*1136 | AF2540 | *0 | 4L | 2.54 | E | ≈ |
| F44D6 | 44 | 35 | 40 | 32 | 6.3 | 1745*550*1180 | 2220*900*1146 | AF3860 | *3 | 4L | 2.54 | Е | ≈ |
| F55D6 | 55 | 44 | 50 | 40 | 7.5 | 2020*860*1410 | 2320*900*1276 | AF3860 | *0 | 4L | 3.86 | Е | ≈ |
| F66D6 | 66 | 53 | 60 | 48 | 9.2 | 2020*860*1410 | 2320*900*1276 | AF3860 | *0 | 4L | 4.86 | Е | ≈ |
| F75D6 | 75 | 60 | 68 | 54 | 11 | 2500*860*1410 | 2600*900*1276 | AF3860 | *0 | 4L | 5.86 | Е | ≈ |

Water-cooling

Open-side type

Sound-proof type

The engine is Germany original

The engine is China original

The rating is according to ISO 8528-1: + 25°C mASL; 30% relative humidity. The power losses please consultant AGG Power Technical Apartment

Further voltage rating are available under request: 50HZ_380V/415V/440V, 60HZ_208V/240V/380V/440V/480V

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AGG Power reserves the right to modify any characteristic prior notified.

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